



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Western - Yates

Western State

(Company or Operator)

(Lease)

Well No. 4, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 14, T. 19 S, R. 28 E, NMPM.

East Millman Queen Pool, Eddy County.

Well is 1980 feet from North line and 1980 feet from East line

of Section 14. If State Land the Oil and Gas Lease No. is 648

Drilling Commenced November 5, 1958 Drilling was Completed December 13, 1958

Name of Drilling Contractor Roach & Shepard

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3411 DF The information given is to be kept confidential until

-----, 19-----

OIL SANDS OR ZONES

No. 1, from 1756 to 1776 No. 4, from ----- to -----

No. 2, from 1818 to 1828 No. 5, from ----- to -----

No. 3, from ----- to ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 182 to 192 feet. Could not bail

No. 2, from ----- to ----- feet.

No. 3, from ----- to ----- feet.

No. 4, from ----- to ----- feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	32.75#	New	386'	Texas	Not	None	Surface
8 5/8"	24#	"	1868'	"	1837'	"	Oil shut off
4 1/2"	11.6#	"	2210'	Pkr. shoe	Not	1756-76 1818-28	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	10 3/4"	386'	100	Denton		None
8"	4 1/2"	2210'	225	"		"

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

No acid used - SOF with 10,000 gals. / 20,000# sd. 1818-28'.

Set BP at 1790' - SOF with 20,000 gals. / 40,000 # sd. 1756-76'.

Result of Production Stimulation Well made 3 BOPD natural and flow 200 BOPD after
frac treatment.

Depth Cleaned Out 2210'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet.
 Cable tools were used from **0** feet to **2563** feet, and from feet to feet.

PRODUCTION

Put to Producing: **December 26,** 19**58**

OIL WELL: The production during the first 24 hours was **200** barrels of liquid of which **100** % was
 was oil; % was emulsion; % water; and % was sediment. A.P.I.
 Gravity **39° corrected**

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
 liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in:

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... 395	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... 610	T. Montoya.....	T. Farmington.....
T. Yates..... 874	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... 1200	T. McKee.....	T. Menefee.....
T. Queen..... 1676	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... 2010	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 2510	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	30	30	Caliche	2340	2380	40	Dolo.
30	70	40	Sand	2380	2490	110	Dolo. and grey sand
70	115	45	Gravel	2490	2563	73	Dolo.
115	180	65	Red sand				
180	300	120	Red Bed				
300	395	95	Anhy.				
395	610	215	Salt				
610	874	264	Anhy.				
874	900	26	Red sand				
900	1130	230	Anhy., some red shale				
1130	1180	50	Anhy. and red sand				
1180	1400	220	Dolo.				
1400	1670	270	Dolo., mostly pink				
1670	1715	45	Grey and red sand				
1715	1725	10	Dolo.				
1725	1770	45	Grey sand				
1770	1800	30	Dolo.				
1800	2010	210	Dolo. and grey sand				
2010	2120	110	Dolo.				
2120	2150	30	Dolo. and grey sand				
2150	2200	50	Dolo.				
2200	2220	20	Dolo. and grey sand				
2220	2240	20	Dolo.				
2240	2340	100	Dolo. and grey sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator: **Western - Yates** Address: **P. O. Box 427, Artesia, N. M.** (Date) **December 26, 1958**
 Name: **P. A. Hanson** Position or Title: **Dist. Supt.**

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - ~~(GAS)~~ ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Artesia, New Mexico Dec. 26, 1958
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Western-Yates Western-State, Well No. 4, in SW 1/4 NE 1/4,
(Company or Operator) (Lease)
G, Sec. 14, T. 19S, R. 28E, NMPM, East Millman Queen ~~Pool~~

Unit Letter

Eddy

Please indicate location:

D	C	B	A
E	F	G O	H
L	K	J	I
M	N	O	P

1980'N & 1980'E

Tubing, Casing and Cementing Record

Size	Feet	Sax
10 3/4	386'	100
4 1/2	2210'	225

County. Date Spudded 11-5-58 Date Drilling Completed 12-13-58
Elevation 3411 DF Total Depth 2563' PBD 2210'
Top Oil/Gas Pay 1756' Name of Prod. Form. Queen

PRODUCING INTERVAL -

Perforations 1756' - 76', 1818' - 28'
Open Hole None Depth 2210' Depth Casing Shoe 1750'
Tubing

OIL WELL TEST -

Natural Prod. Test: 3 bbls. oil, bbls water in 1 hrs, min. Size Choke
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 200 bbls. oil, No bbls water in 24 hrs, min. Size Choke 1

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): No acid used, 30,000 gals. plus 60,000# sand

Casing Tubing Date first new
Press. 540 Press. 400 oil run to tanks Dec. 26, 1958

Oil Transporter Malco Ref. Inc., (P. L. Division)

Gas Transporter

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: DEC 29 1958, 19 Western-Yates

(Company or Operator)

OIL CONSERVATION COMMISSION

By: M. L. Armstrong Title: Dist. Supt.

(Signature)

Send Communications regarding well to:

Name: Western-Yates

Address: Box 427, Artesia, N. Mex.

IN COMMISSION
FIRST OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Western-Yates Lease Western-State

Well No. 4 Unit Letter G S 14 T 19S R 28E Pool East Millman Queen

County Eddy Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit J S 14 T 19S R 28E

Authorized Transporter of Oil or Condensate Malco Ref. Inc. (P.L. Divisions)

Address Box 125, Artesia, New Mexico
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas None

Address _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

No P.L. outlet, gas is flared

Reasons for Filing: (Please check proper box) New Well (x)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: _____
(Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 26th day of Dec. 19 58

By P. A. Hanson

Approved DEC 26 1958 19

Title Dist. Supt.

OIL CONSERVATION COMMISSION

By M. L. Armstrong

Company Western-Yates

Address Box 427

Title _____

Artesia, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Western - Yates P. O. Box 427, Artesia, New Mexico
(Address)

LEASE Western State WELL NO. 4 UNIT G S 14 T 19 S R 28E

DATE WORK PERFORMED Dec. 13-23, 1958 POOL Undesignated Millman

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☐ Pullin 8 5/8" casing and

☒ Other Perforating and Sand-oil
Fracturing

Detailed account of work done, nature and quantity of materials used and results obtained.

Dec. 13 thru 18, 1958 At. T. D. 2563' (Dry at Total Depth, no fluid in this well below 8 5/8" csg. seat at 1868'.) knocked off 8 5/8" csg. 1 joint up from shoe and pulled 1837'. Ran 2210' of new 4 1/2" 11.6# seamless csg. with HOWCO pkr. shoe and cemented with 225 sax neat cement.

Dec. 22, 1958 Ran log and perforated 40 holes 1818-28', SOF with 10,000 gals. plus 20,000# sd. Set Bridge Plug at 1790' and perforated 80 holes at 1756-1776', SOF with 20,000 gals. plus 40,000# sd. Now drilling out Bridge Plugs and completing for production.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test

Oil Production, bbls. per day

Gas Production, Mcf per day

Water Production, bbls. per day

Gas-Oil Ratio, cu. ft. per bbl.

Gas Well Potential, Mcf per day

Witnessed by _____

(Company)

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name M. L. Armstrong

Name W. L. Hanson

Title OIL CONSERVATION COMMISSION

Position Dist. Supt.

Date DEC 23 1958

Company Western - Yates